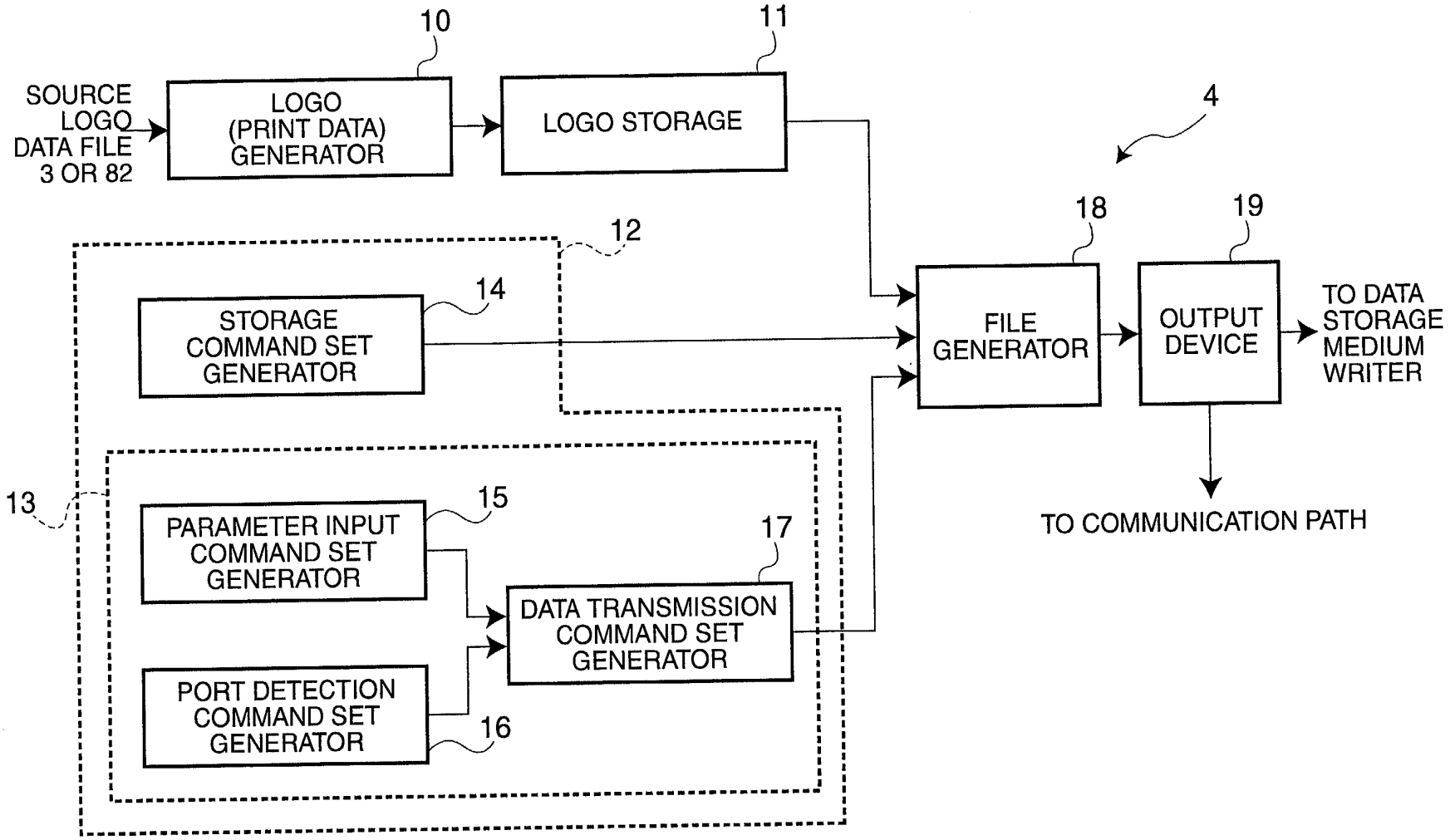
10
11
SOURCE LOGO DATA FILE 3 OR 82
LOGO (PRINT DATA) GENERATOR
LOGO STORAGE
4
18
19
12
14
STORAGE COMMAND SET GENERATOR
FILE GENERATOR
OUTPUT DEVICE
TO DATA STORAGE MEDIUM WRITER
13
15
17
PARAMETER INPUT COMMAND SET GENERATOR
DATA TRANSMISSION COMMAND SET GENERATOR
PORT DETECTION COMMAND SET GENERATOR
16
TO COMMUNICATION PATH

FIG. 1

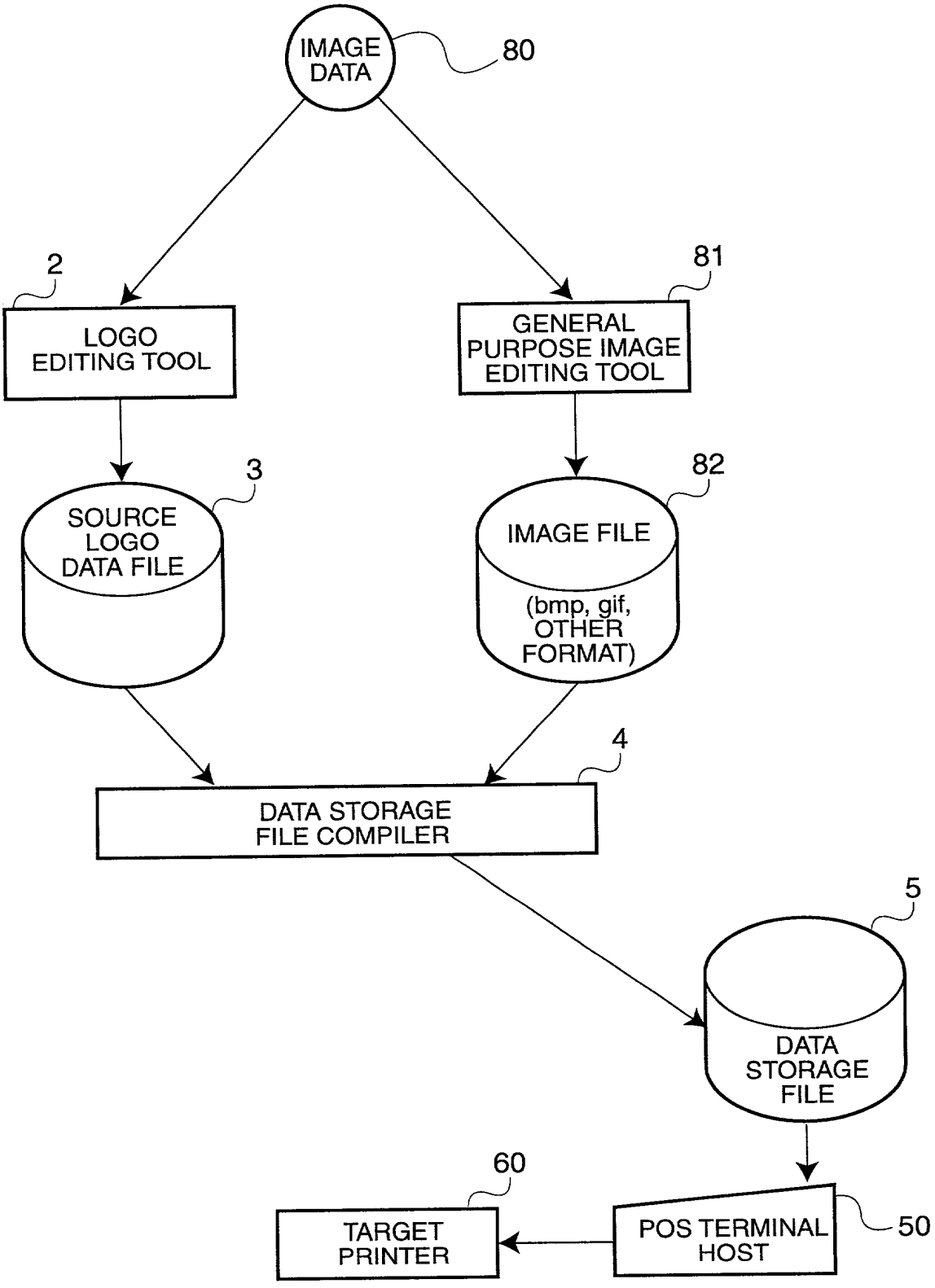
IMAGE DATA
80
2
LOGO EDITING TOOL
81
GENERAL PURPOSE IMAGE EDITING TOOL
3
SOURCE LOGO DATA FILE
82
IMAGE FILE
(bmp, gif, OTHER FORMAT)
4
DATA STORAGE FILE COMPILER
5
DATA STORAGE FILE
60
TARGET PRINTER
POS TERMINAL HOST
50

FIG. 2

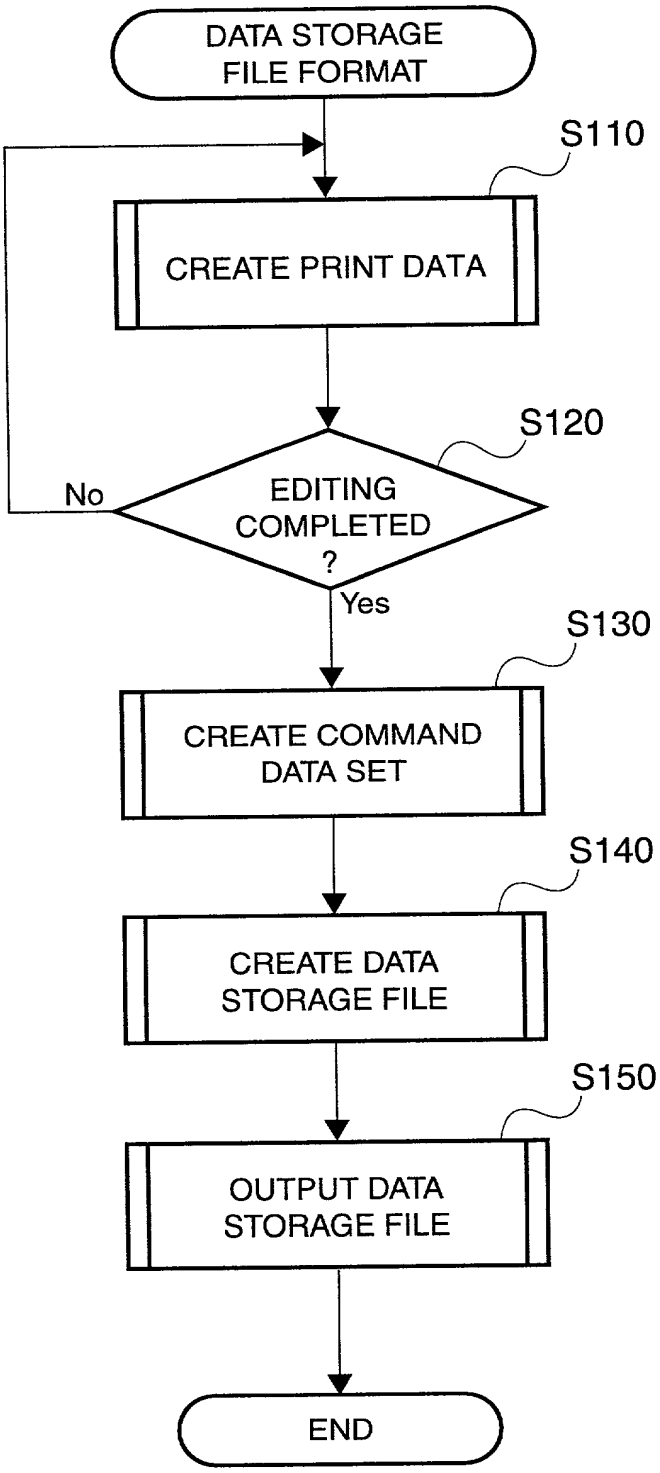
DATA STORAGE FILE FORMAT
S110
CREATE PRINT DATA
S120
No
EDITING COMPLETED ?
Yes
S130
CREATE COMMAND DATA SET
S140
CREATE DATA STORAGE FILE
S150
OUTPUT DATA STORAGE FILE
END

FIG. 3

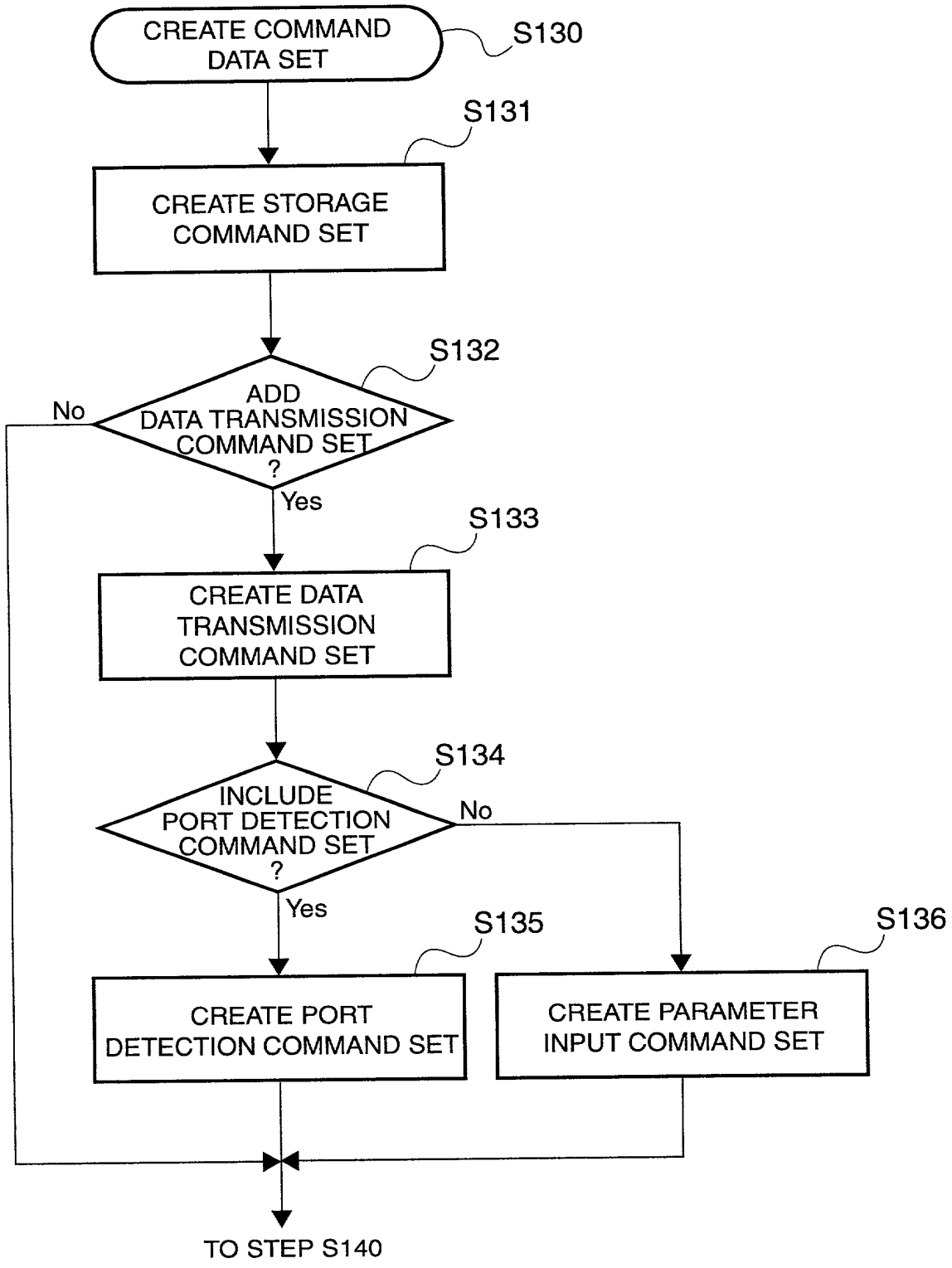
CREATE COMMAND DATA SET
S130
S131
CREATE STORAGE COMMAND SET
S132
ADD DATA TRANSMISSION COMMAND SET ?
No
Yes
S133
CREATE DATA TRANSMISSION COMMAND SET
S134
INCLUDE PORT DETECTION COMMAND SET ?
No
Yes
S135
CREATE PORT DETECTION COMMAND SET
S136
CREATE PARAMETER INPUT COMMAND SET
TO STEP S140

FIG. 4

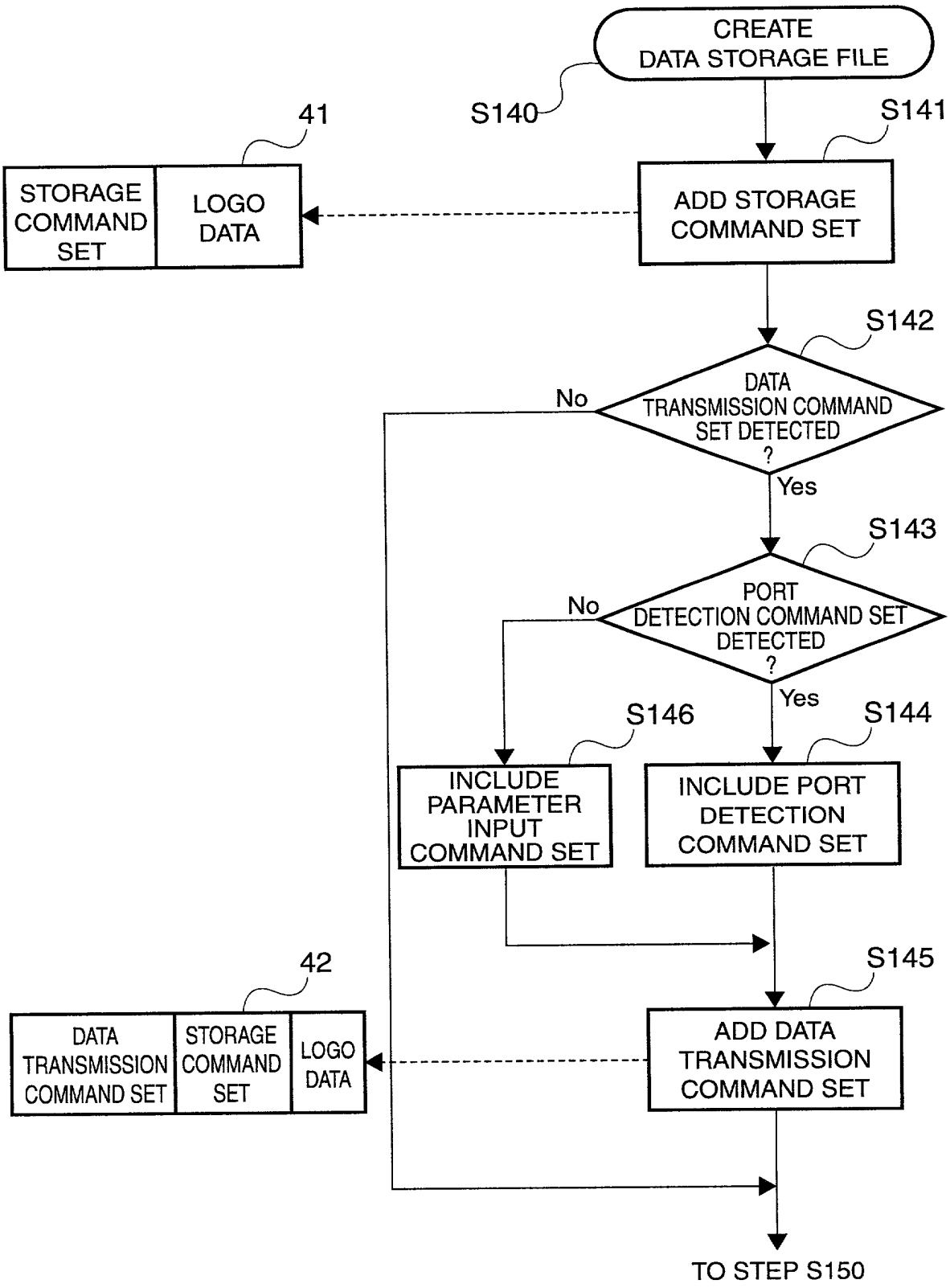
CREATE DATA STORAGE FILE
S140
S141
41
STORAGE COMMAND SET
LOGO DATA
ADD STORAGE COMMAND SET
S142
No
DATA TRANSMISSION COMMAND SET DETECTED ?
Yes
S143
No
PORT DETECTION COMMAND SET DETECTED ?
Yes
S146
S144
INCLUDE PARAMETER INPUT COMMAND SET
INCLUDE PORT DETECTION COMMAND SET
42
S145
DATA TRANSMISSION COMMAND SET
STORAGE COMMAND SET
LOGO DATA
ADD DATA TRANSMISSION COMMAND SET
TO STEP S150

FIG. 5

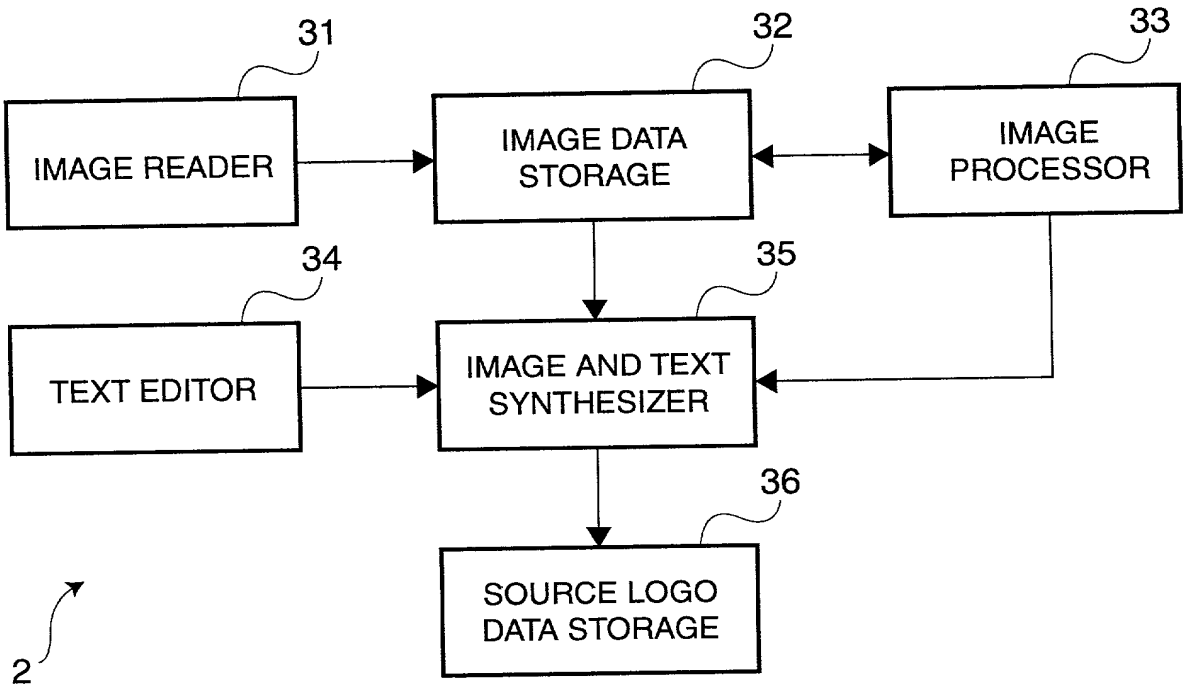
31
32
33
IMAGE READER
IMAGE DATA STORAGE
IMAGE PROCESSOR
34
35
TEXT EDITOR
IMAGE AND TEXT SYNTHESIZER
36
SOURCE LOGO DATA STORAGE
2

FIG. 6

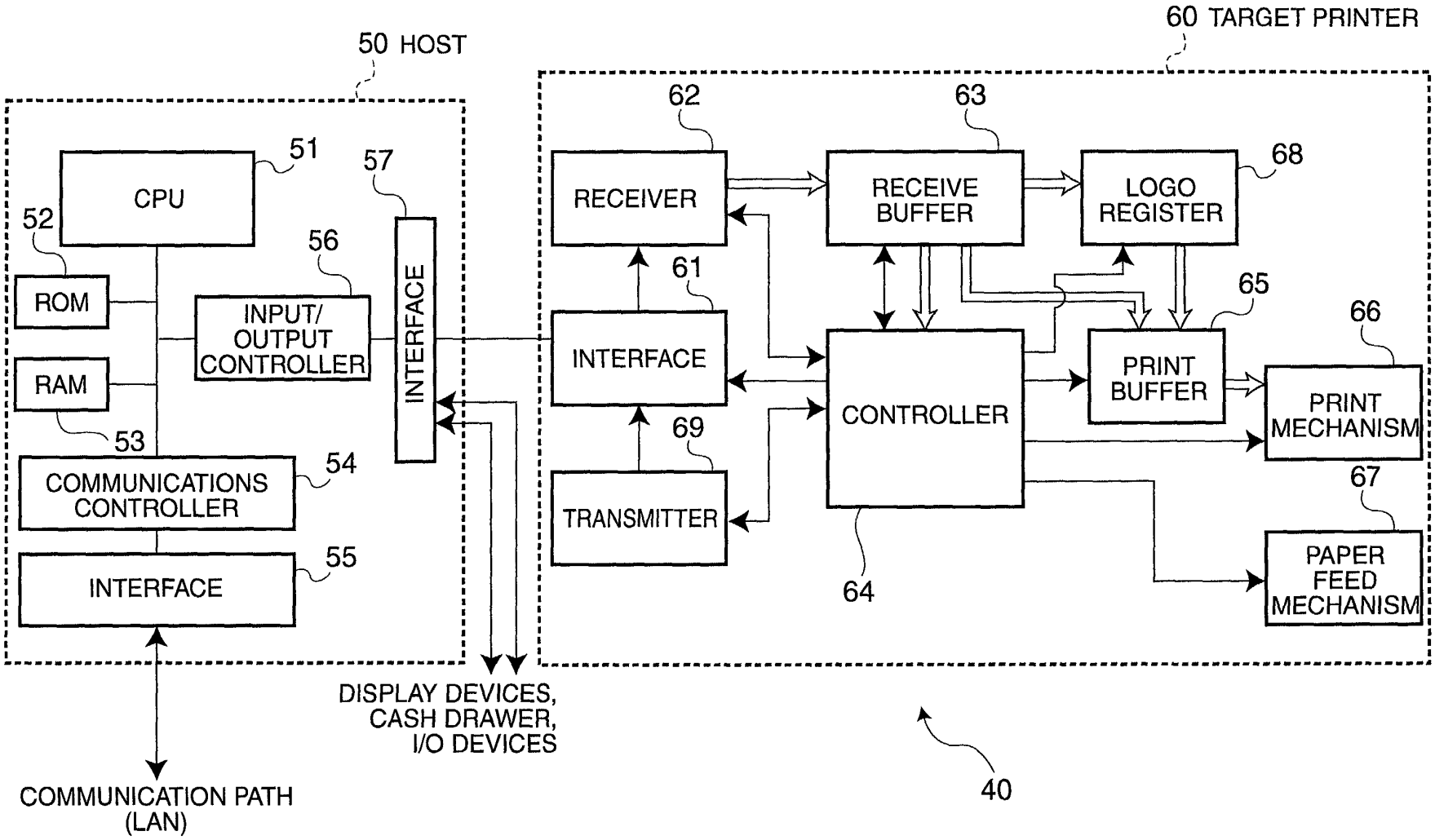
50 HOST
60 TARGET PRINTER
CPU
51
52
ROM
56
INPUT/
OUTPUT
CONTROLLER
57
INTERFACE
RAM
53
COMMUNICATIONS
CONTROLLER
54
INTERFACE
55
COMMUNICATION PATH
(LAN)
DISPLAY DEVICES,
CASH DRAWER,
I/O DEVICES
62
RECEIVER
63
RECEIVE
BUFFER
68
LOGO
REGISTER
61
INTERFACE
65
66
PRINT
BUFFER
PRINT
MECHANISM
CONTROLLER
69
TRANSMITTER
64
67
PAPER
FEED
MECHANISM
40

FIG. 7

Target Shooter

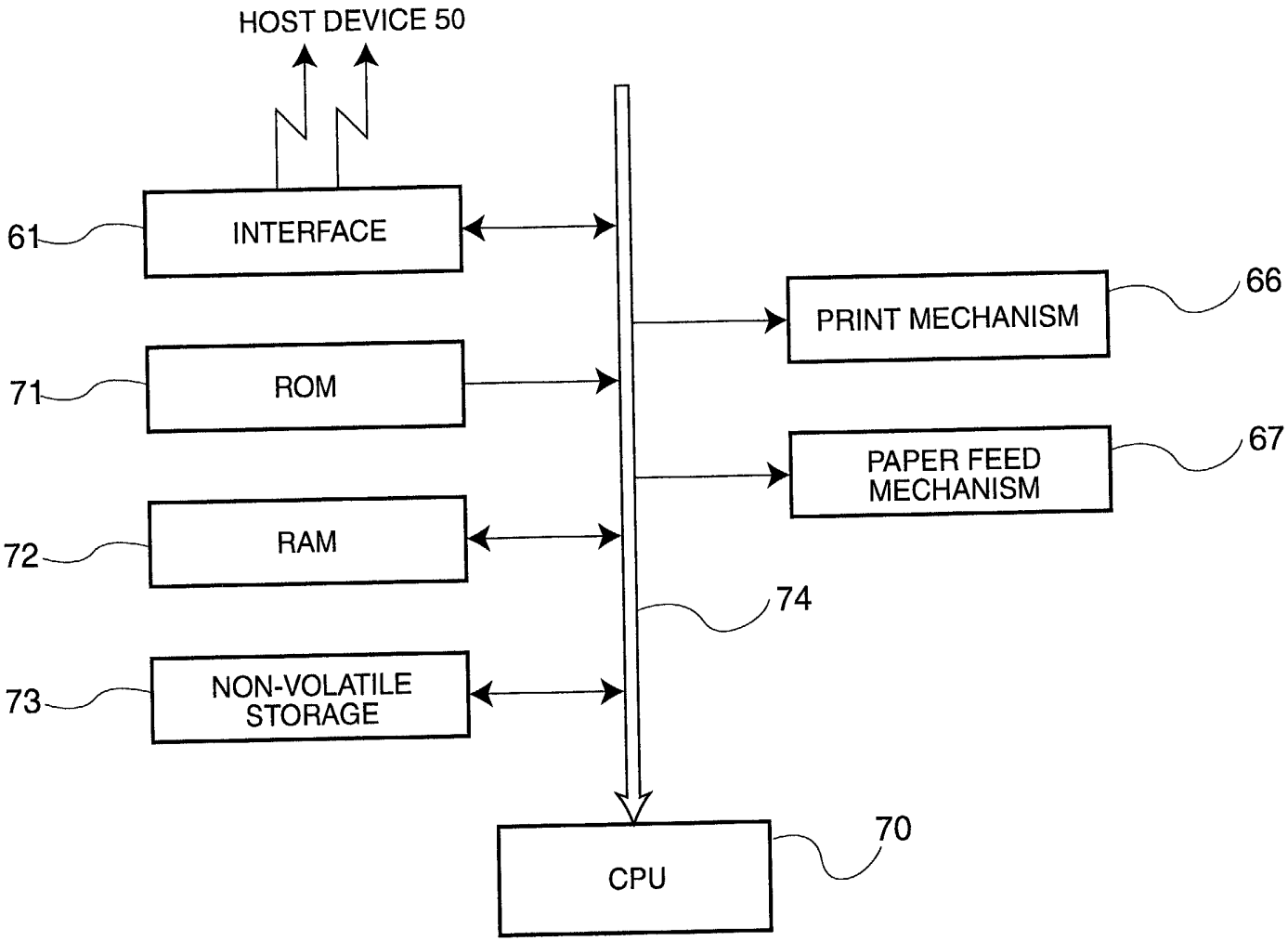

FIG. 8

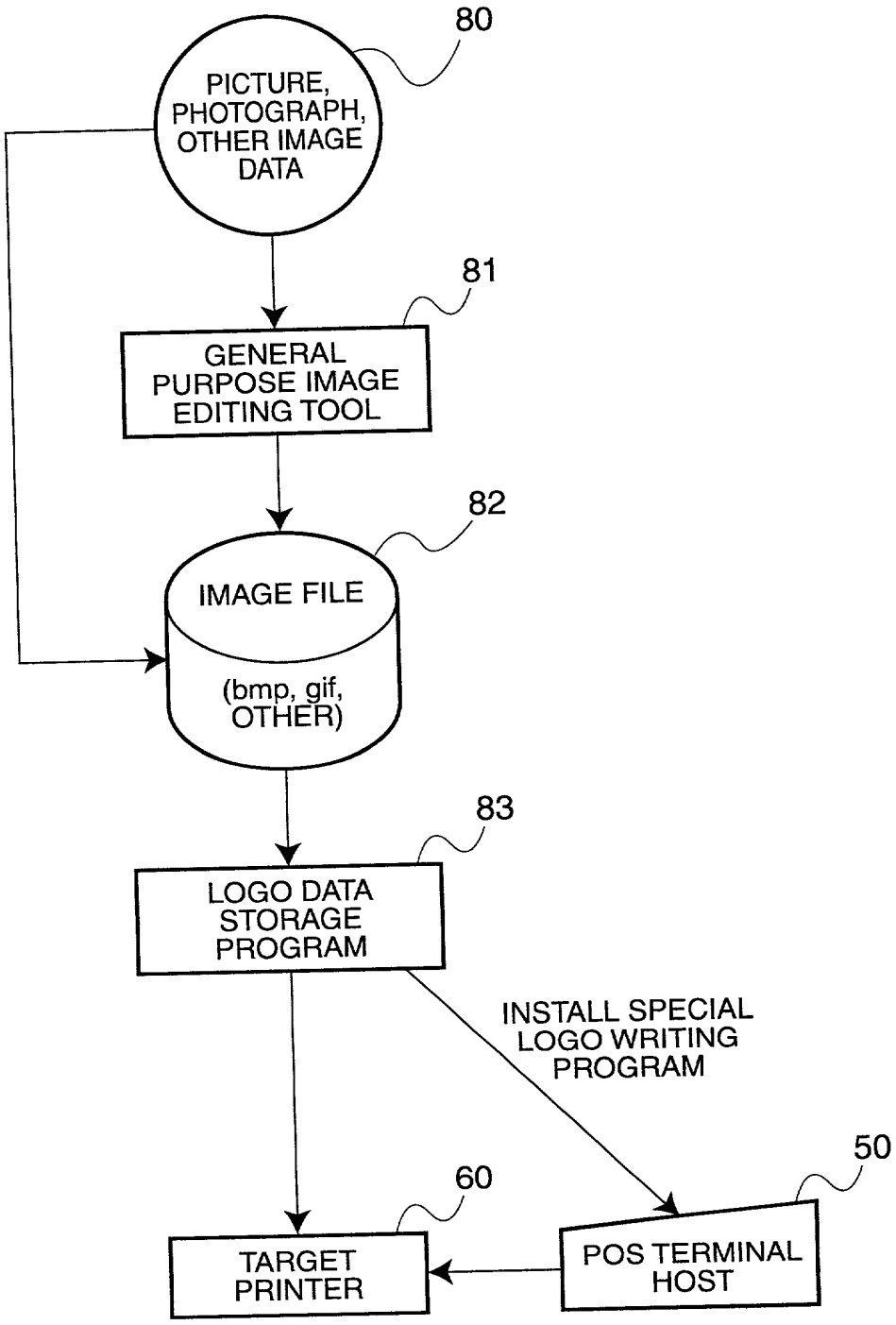
80
PICTURE, PHOTOGRAPH, OTHER IMAGE DATA
81
GENERAL PURPOSE IMAGE EDITING TOOL
82
IMAGE FILE
(bmp, gif, OTHER)
83
LOGO DATA STORAGE PROGRAM
INSTALL SPECIAL LOGO WRITING PROGRAM
50
60
TARGET PRINTER
POS TERMINAL HOST

FIG. 9